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**F A X C O V E R****\*\*\*\*\*OFFICIAL FAX\*\*\*\*\*****Date:** April 23, 2007      **Number of pages** (including cover): 17**To:** Examiner Halssa Philogene, U.S. Patent and Trademark Office**Fax No.:** (571) 273-8300**Serial No.:** 09/989,677**Title:** INFORMATION SYSTEMS**From:** Joseph Teja, Jr.**Direct dial:** 617.646.8249**Our File #:** C1104.70095U500

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**CERTIFICATE OF FACSIMILE TRANSMISSION 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being transmitted via facsimile to the attention of Examiner Halssa Philogene, FAX number (571) 273-8300, at the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, in accordance with 37 C.F.R. §1.6(d), on the 23rd day of April, 2007.



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**Jeanne W. Chub**

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**ORIGINAL DOCUMENTS WILL NOT BE MAILED.**

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<b>MESSAGE:</b>	Transmitted herewith are: 4/15/02 Information Disclosure Statement 3/14/03 Information Disclosure Statement
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Wolf, Greenfield &amp; Sacks, P.C. | 600 Atlantic Avenue | Boston, Massachusetts 02210-2206

617.646.8000 | fax 617.646.8646 | [www.wolfgreenfield.com](http://www.wolfgreenfield.com)

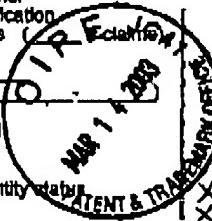
**COPY**

Serial No 09/989,677 File No. 00704/70095 By: RJP/JT  
Title: INFORMATION SYSTEMS  
Application of KEVIN DOWLING, ET AL. WGS Date: NDD

The U.S. PTO Mail Room acknowledges receipt of the following on the date stamped herein:

- |  |   |
|--|---|
| <input type="checkbox"/> Mailing by Express Mail (37 CFR 1.10)<br>Express Mail Label No. _____   | <input checked="" type="checkbox"/> Provisional Application Cover Sheet<br>Multiple Dependent Claim Fee Sheet<br>Inf. Disc. Statement, PTO Form 1449  |
| <input type="checkbox"/> Patent Application<br><input type="checkbox"/> Non-provisional <input type="checkbox"/> Provisional<br>Incl. _____ pages, ( _____ pg(s) Specification<br>( _____ pg(s) Abstract, ( _____ pg(s) Claims ( _____ Pg(s) Declatn(s))<br>Design Patent Application<br>Declaration(s)<br>Drawings _____ Sheet(s) (FIGS. _____) | <input checked="" type="checkbox"/> Inf. Disc. Statement, PTO Form 1449<br><input checked="" type="checkbox"/> References Cited<br><input checked="" type="checkbox"/> Priority Document(s) # _____<br><input checked="" type="checkbox"/> Copy of Notice to File Missing Parts<br><input checked="" type="checkbox"/> Amendment/Response<br><input checked="" type="checkbox"/> Petition for Ext. of Time (x2)<br><input checked="" type="checkbox"/> Issue Fee Transmittal<br><input checked="" type="checkbox"/> Letter to Official Drafsperson<br><input checked="" type="checkbox"/> Notice of Appeal<br><input checked="" type="checkbox"/> Brief (x3)<br><input checked="" type="checkbox"/> Check for \$ _____ Check # _____<br><input checked="" type="checkbox"/> Transmittal Letter (x2)<br><input checked="" type="checkbox"/> Cert. of Mailing under 37 CFR 1.8(a) |
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003/017

ATTORNEY'S DOCKET NO: C01104/70095

RJP/JT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant:** Kevin Dowling, Frederick Morgan, Brian Chemele, Adriana Mincheva, and Ihor A. Lys  
**Serial No.:** 09/989,677  
**Confirm No.:** 9718  
**Filed:** November 20, 2001  
**For:** INFORMATION SYSTEMS

**Examiner:** Unassigned  
**Art Unit:** 2857

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231, on March 6, 2003.

Jamie Michalski  
Jamie Michalski

**Commissioner for Patents  
Washington, D.C. 20231**

## **TRANSMITTAL LETTER**

Sir:

Transmitted herewith for filing are the following documents:

- STATEMENT FILED PURSUANT TO THE DUTY OF  
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98  
PTO FORM 1449 AND REFERENCES CITED

RETURN POST CARD

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch are respectfully requested to contact the undersigned collect at (617)720-3500, Boston, Massachusetts.

No check is enclosed. If a fee is needed, it may be charged to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,

Kevin Dowling, et al., *Applicants*

By: Joseph Teja, Jr.  
Joseph Teja, Jr., Reg. No. 45,157  
Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, MA 02210  
Telephone (617) 720-3500

Docket No. C01104/70095

Dated: March 9, 2003

X (NDD)

APR 23 2007

ATTORNEY'S DOCKET NO: C01104/70095

RJP/JT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kevin Dowling, Frederick Morgan, Brian Chemel,  
 Adriana Mincheva, and Ihor A. Lys

Serial No: 09/989,677

Confirm No.: 9718

Filed: November 20, 2001

For: INFORMATION SYSTEMS

Examiner: Unassigned

Art Unit: 2857

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231, on March 6, 2003.

  
 Jantine Michalski

Commissioner for Patents  
 Washington, D.C. 20231

Sir:

STATEMENT FILED PURSUANT TO THE DUTY OF  
 DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed before the mailing date of a first Office Action on the merits in the above-identified case. No fee or certification is required.

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

685739.1

PAGE 4/17 \* RCVD AT 4/23/2007 11:19:18 AM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-3/20 \* DNI:2738300 \* CSID: \* DURATION (mm:ss):05-08

Serial No. 09/989,677

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Art Unit: 2857

**PART III: Remarks**

Documents cited on the attached form PTO-1449 (modified) are enclosed unless otherwise indicated on the attached form PTO-1449 (modified). It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

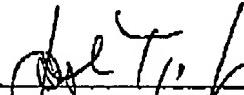
By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,

*Kevin Dowling, et al., Applicants*

By: 

Joseph Teja, Jr., Reg. No. 45,157  
Wolf, Greenfield & Sacks, P.C.  
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Boston, MA 02210  
Telephone (617) 720-3500  
Attorneys for Applicants

Docket No. C01104/70095  
Dated: March 16, 2003

685739.1

PAGE 5/17 \* RCVD AT 4/23/2007 11:19:18 AM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-3/20 \* DNI:2738300 \* CSID: \* DURATION (mm:ss):05-08

FORM PTO-1449/A and B (Modified)

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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APPLICATION NO.: 09/989,677

ATTY. DOCKET NO.: C01104/70095

FILING DATE: November 20, 2001

APPLICANT: Kevin Dowling, et al.

GROUP ART UNIT: 2857

EXAMINER: Unassigned

## U.S. PATENT DOCUMENTS

Examiner's Initials#	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of Issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		* US 2001/0033488	A1	Chliwnyj, et al.	10/25/2001
		* US 2002/0047624	A1	Stam, et al.	04/25/2002
		* Re. 36,030		Nadeau	01/05/1999
		* 2,909,097		A.E. Alden, et al.	10/20/1959
		* 3,318,185		Kott	05/09/1967
		* 3,561,719		Grindle	02/1971
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		* 3,643,088		Osteen, et al.	02/1972
		* 3,746,918		Drucker, et al.	07/17/1973
		* 3,818,216		Larraburu	06/18/1974
		* 3,832,503		Crane	08/27/1974
		* 3,858,086		Anderson, et al.	12/31/1974
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		* 3,958,885		Stockinger, et al.	05/25/1976
		* 3,974,637		Bergey, et al.	08/17/1976
		* 4,001,571		Martin	01/04/1977
		* 4,054,814		Pegley, et al.	10/18/1977
		* 4,070,568		Gala	01/24/1978
		* 4,082,395		Donato, et al.	04/04/1978
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		* 4,241,295		Williams, Jr.	12/23/1980
		* 4,271,408		Teshima, et al.	06/02/1981
		* 4,272,689		Crosby, et al.	06/09/1981
		* 4,273,999		Pierpoint	06/16/1981
		* 4,298,869		Okuno	11/03/1981
		* 4,329,625		Nishizawa, et al.	05/11/1982
		* 4,367,464		Kurashiki, et al.	12/04/1983
		* 4,388,567		Yamazaki, et al.	06/14/1983
		* 4,388,589		Moldrem, Jr.	06/14/1983
		* 4,392,187		Bornhorst	07/05/1983
		* 4,420,711		Takahashi, et al.	12/13/1983
		* 4,500,796		Quin	02/19/1985
		* 4,597,033		Meggs, et al.	06/24/1986
		* 4,622,881		Rand	11/18/1986
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FORM PTO-1449/A and B (Modified)

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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of

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APPLICATION NO.:	09/989,677	ATTY. DOCKET NO.:	C01104/70095
FILING DATE:	November 20, 2001		
APPLICANT:	Kevin Dowling, et al.		
GROUP ART UNIT:	2857	EXAMINER:	Unassigned

* 4,635,052	Aoike, et al.	01/06/1987
* 4,647,217	Havel	03/03/1987
* 4,656,398	Michael, et al.	04/07/1987
* 4,668,895	Schneiter	05/26/1987
* 4,682,079	Sanders, et al.	07/21/1987
* 4,686,425	Havel	08/11/1987
* 4,687,340	Havel	08/18/1987
* 4,688,154	Nilssen	08/18/1987
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* 4,701,669	Head, et al.	10/20/1987
* 4,705,406	Havel	11/10/1987
* 4,707,141	Havel	11/17/1987
* 4,727,289	Uchida	02/23/1988
* 4,740,882	Miller	04/26/1988
* 4,753,148	Johnson	06/28/1988
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* 4,780,621	Bartleucci, et al.	10/25/1988
* 4,794,383	Havel	12/27/1988
* 4,818,072	Mohebban	04/04/1989
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* 4,837,565	White	06/06/1989
* 4,843,627	Stebbins	06/27/1989
* 4,845,481	Havel	07/04/1989
* 4,845,745	Havel	07/04/1989
* 4,857,801	Farrell	08/15/1989
* 4,863,223	Weissenbach, et al.	09/05/1989
* 4,874,320	Freed, et al.	10/17/1989
* 4,887,074	Simon, et al.	12/12/1989
* 4,922,154	Cacoub	05/01/1990
* 4,934,852	Havel	06/19/1990
* 4,962,687	Belliveau, et al.	10/16/1990
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* 4,992,704	Stinson	02/12/1991
* 5,003,227	Nilssen	03/26/1991
* 5,008,595	Kazar	04/16/1991
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FORM PTO-1449/A and B (Modified)

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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APPLICATION NO.: 09/989,677

ATTY. DOCKET NO.: C01104/70095

FILING DATE: November 20, 2001

APPLICANT: Kevin Dowling, et al.

GROUP ART UNIT: 2857

EXAMINER: Unassigned

	* 5,010,459	Taylor, et al.	04/23/1991
	* 5,027,262	Freed	06/25/1991
	* 5,034,807	Von Kohorn	07/23/1991
	* 5,036,248	McEwan, et al.	07/30/1991
	* 5,038,253	Nishihashi, et al.	08/06/1991
	* 5,072,216	Grange	12/10/1991
	* 5,078,039	Tulk, et al.	01/07/1992
	* 5,083,063	Brooks	01/21/1992
	* 5,122,733	Havel	06/16/1992
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	* 5,134,387	Smith, et al.	07/28/1992
	* 5,142,199	Elwell	08/25/1992
	* 5,154,641	McLaughlin	10/13/1992
	* 5,164,715	Kashiwabara, et al.	11/17/1992
	* 5,184,114	Brown	02/02/1993
	* 5,194,854	Havel	03/16/1993
	* 5,209,560	Taylor, et al.	05/11/1993
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	* 5,254,910	Yang	10/19/1993
	* 5,256,948	Boldin, et al.	10/26/1993
	* 5,278,542	Smith, et al.	01/11/1994
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	* 5,283,517	Havel	02/01/1994
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FORM PTO-1449/A and B (Modified)

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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APPLICATION NO.: 09/989,677

ATTY. DOCKET NO.: C01104/70095

FILING DATE: November 20, 2001

APPLICANT: Kevin Dowling, et al.

GROUP ART UNIT: 2857

EXAMINER: Unassigned

	* 5,410,328	Yoksza, et al.	04/25/1995
	* 5,412,284	Moore, et al.	05/02/1995
	* 5,412,552	Fernandes	05/02/1995
	* 5,420,482	Phares	05/30/1995
	* 5,421,059	Leffers, Jr.	06/06/1995
	* 5,432,408	Matsuda, et al.	07/11/1995
	* 5,436,535	Yang	07/25/1995
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	* 5,461,188	Drago, et al.	10/24/1995
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	* 5,475,300	Havel	12/12/1995
	* 5,489,827	Xia	02/06/1996
	* 5,491,402	Small	02/13/1996
	* 5,493,183	Klmball	02/20/1996
	* 5,504,395	Johnson, et al.	04/02/1996
	* 5,519,496	Borgert, et al.	05/21/1996
	* 5,545,950	Cho	08/13/1996
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FORM PTO-1449/A and B (Modified)

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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APPLICATION NO.: 09/989,677

ATTY. DOCKET NO.: C01104/70095

FILING DATE: November 20, 2001

APPLICANT: Kevin Dowling, et al.

GROUP ART UNIT: 2857

EXAMINER: Unassigned

		* 5,821,695	Vilanilam, et al.	10/13/1998
		* 5,836,676	Ando, et al.	11/17/1998
		* 5,848,837	Gustafson	12/15/1998
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		* 5,952,680	Strite	09/14/1999
		* 5,959,547	Tubel, et al.	09/28/1999
		* 5,963,185	Havel	10/03/1999
		* 5,974,553	Gandar	10/26/1999
		* 5,980,064	Metroyanis	11/09/1999
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		* 6,025,550	Kato	02/15/2000
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		* 6,150,774	Mueller, et al.	11/21/2000
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		* 6,181,126	B1 Havel	01/30/2001
		* 6,183,086	Neubert	02/06/2001
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		* 6,211,626	B1 Lys, et al.	04/03/2001
		* 6,250,774	B1 Begemann, et al.	06/26/2001
		* 6,273,338	B1 White	08/14/2001
		* 6,292,901	B1 Lys, et al.	09/18/2001
		* 6,310,590	B1 Havel	10/30/2001

**FORM PTO-1449/A and B (Modified)****INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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APPLICATION NO.: 09/989,677

ATTY. DOCKET NO.: C01104/70095

FILING DATE: November 20, 2001

APPLICANT: Kevin Dowling, et al.

GROUP ART UNIT: 2857

EXAMINER: Unassigned

	6,321,177	B1	Ferrero, et al.	11/20/2001
	* 6,323,832	B1	Nishizawa, et al.	11/27/2001
	* 6,340,868	B1	Lys, et al.	01/22/2002
	* 6,459,919	B1	Lys, et al.	10/01/2002

**FOREIGN PATENT DOCUMENTS**

Examiner's Initials#	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			
		* AU 6 267 9				12/30/1996	
		* CA 2 178 432				12/08/1996	
		* EP 0495305	A2			07/22/1992	
		* EP 0534710	B1			01/17/1996	
		* EP 0752632	A2			01/08/1997	
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		* EP 0823812	A2			02/11/1998	
		* EP 0935234	A1			08/11/1999	
		* EP 0942631	A2			09/15/1999	
		* EP 1020352	A2			07/19/2000	
		* EP 1113215	A2			07/04/2001	
		* FR 2 640 791				06/22/1990	
		* FR 88 17359				12/21/1998	
		* GB 2045098	A			10/29/1980	
		* GB 2135536	A			08/30/1984	
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		* JP 03045166				02/26/1991	
		* JP 06043830				02/18/1994	
		* JP 9 320766				12/12/1997	
		* JP 7-39120				07/14/1995	
		* JP 8-106264				04/23/1996	
		* WO 89/05086				06/01/1989	
		* WO 94/18809				08/18/1994	
		* WO 95/13498				05/18/1995	
		* WO 96/41098				12/19/1996	
		* WO 02/061328	A1			08/08/2002	

**OTHER ART - NON PATENT LITERATURE DOCUMENTS**

Examiner's Initials#	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		* "LM117/LM317A/LM317 3-Terminal Adjustable Regulator", National Semiconductor Corporation, May 1997, pp. 1-20	

<b>FORM PTO-1449/A and B (Modified)</b>				APPLICATION NO.: 09/989,677	ATTY. DOCKET NO.: C01104/70095
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				FILING DATE: November 20, 2001	
				APPLICANT: Kevin Dowling, et al.	
Sheet	7	of	7	GROUP ART UNIT: 2857	EXAMINER: Unassigned

*	"DS96177 RS-485 / RS-422 Differential Bus Repeater", National Semiconductor Corporation, February 1996, pp. 1-8
*	"DS2003 / DA9667 / DS2004 High Current / Voltage Darlington Drivers", National Semiconductor Corporation, December 1995, pp. 1-8
*	"LM140A / LM140 / LM340A / LM7800C Series 3 – Terminal Positive Regulators", National Semiconductor Corporation, January 1995, pp. 1-14
*	High End Systems, Inc., Trackspot User Manual, August 1997, Excerpts (Cover, Title page, pp. ii through iii and 2-13 through 2-14)
*	Artistic License, AL4000 DMX512 Processors, Revision 3.4, June 2000, Excerpts (Cover, pp. 7,92 through 102)
*	Artistic License, Miscellaneous Drawings (3 sheets) January 12, 1995
*	Artistic License, Miscellaneous Documents (2 sheets February 1995 and April 1996)
*	Newnes's Dictionary of Electronics, Fourth Edition, S.W. Amos, et al., Preface to First Edition, pp. 278-279
*	"http://www.luminus.cx/projects/chaser", (November 13, 2000), pp. 1-16

EXAMINER	DATE CONSIDERED
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#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in prior applications:

Serial No. 09/669,121, filed September 25, 2000;  
 Serial No. 09/425,770, filed October 22, 1999;  
 Serial No. 08/920,156, filed August 26, 1997;  
 Serial No. 09/213,540, filed December 17, 1998;  
 Serial No. 09/213,581, filed December 17, 1998;  
 Serial No. 09/213,548, filed December 17, 1998;  
 Serial No. 09/815,418, filed March 22, 2001;  
 Serial No. 09/213,607, filed December 17, 1998;

Serial No. 09/215,624, filed December 17, 1998;  
 Serial No. 09/333,739, filed June 15, 1999;  
 Serial No. 09/742,017, filed December 20, 2000;  
 Serial No. 09/213,659, filed December 17, 1998;  
 Serial No. 09/213,189, filed December 17, 1998;  
 Serial No. 09/626,905, filed July 27, 2000;  
 Serial No. 09/213,537, filed December 17, 1998;

which are relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]

# COPY

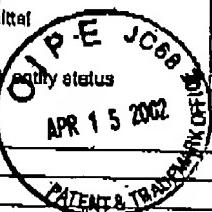
Serial No. 09/989,677 File No. CO1104/70095 By: RFG/JT  
 Title: INFORMATION SYSTEMS

Application of KEVIN DOWLING, ET AL. WGS Data: NDD

The U.S. PTO Mail Room acknowledges receipt of the following on the date stamped hereon:

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| <input type="checkbox"/> Mailing by Express Mail (37 CFR 1.10)<br>Express Mail Label No. _____   | <input checked="" type="checkbox"/> Provisional Application Cover Sheet<br>Multiple Dependent Claim Fee Sheet<br>Int. Disc. Statement, PTO Form 1448  |
| <input type="checkbox"/> Patent Application<br><input type="checkbox"/> Non-provisional <input type="checkbox"/> Provisional<br>Incl. _____ pages, (      pgs) Specification,<br>(      pgs) Abstract, (      pgs) Claims (      # claims) | <input checked="" type="checkbox"/> References Cited<br><input checked="" type="checkbox"/> Priority Document(s) # _____<br><input checked="" type="checkbox"/> Copy of Notice to File Missing Parts<br><input checked="" type="checkbox"/> Amendment/Response<br><input checked="" type="checkbox"/> Petition for Ext. of Time (x2)<br><input checked="" type="checkbox"/> Issue Fee Transmittal<br><input checked="" type="checkbox"/> Letter to Official Draftsperson<br><input checked="" type="checkbox"/> Notice of Appeal<br><input checked="" type="checkbox"/> Brief (x3)<br><input checked="" type="checkbox"/> Check for \$ _____ Check # _____<br><input checked="" type="checkbox"/> Transmittal Letter (x2)<br><input checked="" type="checkbox"/> Cert. of Mailing under 37 CFR 1.8(a) |
| <input type="checkbox"/> Design Patent Application<br>Declaration(s)<br>Drawings _____ Sheet(s) (FIGS. _____)<br><input type="checkbox"/> Formal <input type="checkbox"/> Informal   |   |
| <input type="checkbox"/> Utility Patent Application Transmittal<br>Fee calculation sheet (x2)<br>CPA Transmittal<br>Verified Statement claiming small entity status<br>Assignment and Cover Sheet  |   |
| <input type="checkbox"/> Other _____   |   |

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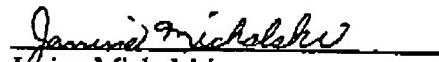
ATTORNEY'S DOCKET NO: C01104/70095

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Kevin Dowling, et al.  
 Serial No: 09/989,677  
 Confirm. No: 9718  
 Filed: November 20, 2001  
 For: INFORMATION SYSTEMS  
 Examiner: Not Yet Assigned  
 Art Unit: 2857

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231, on April 11, 2002.

  
Jenine Michalski  
 Jenine Michalski

Commissioner for Patents  
 Washington, D.C. 20231

**TRANSMITTAL LETTER**

Sir:

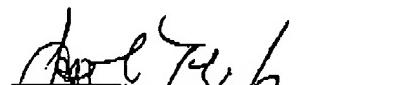
Transmitted herewith for filing are the following documents:

- Information Disclosure Statement, PTO Form 1449 with References Cited  
 Return Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (617)720-3500, Boston, Massachusetts.

No fee is required. If the fee is insufficient, the balance may be charged to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully Submitted,

  
Joseph Teja, Jr.  
 Joseph Teja, Jr., Reg. No. 45,157  
 Wolf, Greenfield & Sacks, P.C.  
 600 Atlantic Avenue  
 Boston, MA 02210-2211  
 (617) 720-3500

Docket No.: C01104/70095  
 Date: April 11, 2002

607602.1

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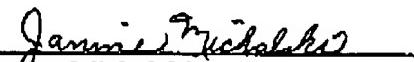
ATTORNEY'S DOCKET NO: C01104/70095

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kevin Dowling, et al.  
Serial No: 09/989,677  
Confirm. No: 9718  
Filed: November 20, 2001  
For: INFORMATION SYSTEMS  
Examiner: Not Yet Assigned  
Art Unit: 2857

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231, on April 11, 2002.

  
Janine Michalski

Commissioner for Patents  
Washington, D.C. 20231

Sir:

STATEMENT FILED PURSUANT TO THE DUTY OF  
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed before the mailing date of a first Office Action on the merits in the above-identified case. No fee or certification is required.

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

607589.1

Serial No.: 09/989,677

- 2 -

Art Unit: 2857

PART III: Remarks

Documents cited on the attached form PTO-1449 (modified) are enclosed unless otherwise indicated on the attached form PTO-1449 (modified). It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,

By:

  
Joseph Teja, Jr., Reg. No. 45,157  
Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, MA 02210

Docket No. C01104/70095

Dated: April 23, 2002

Telephone (617) 720-3500

607589.1

APR 23 2007

FORM PTO-1449/A and B (Modified)				APPLICATION NO.: 09/989,677	ATTY. DOCKET NO.: CO1104/70095
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				FILING DATE: 11/20/01	CONFIRMATION NO.: 9718
				APPLICANT: Kevin Dowling, et al.	
Sheet	1	of	1	GROUP ART UNIT: 2857	EXAMINER: Not Yet Assigned

## U.S. PATENT DOCUMENTS

Examiner's Initials#	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of Issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		6,330,314	B1	Motooka	12/11/2001
		6,215,409 ✓	B1	Blach	04/10/2001
		5,975,728		Weyer	11/02/1999
		5,921,652		Parker et al.	07/13/1999
		2001/0006380	A1	Jeong	07/05/2001

## FOREIGN PATENT DOCUMENTS

Examiner's Initials#	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			
		WO	01/53133	A1	AUTO-LIV DEVELOPMENT AB	07-26-2001	

## OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials#	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		Co-pending U.S. Patent Application, Serial No. 09/989,747, filed November 20, 2001, Thor A. Lys, et al., "Packaged Information Systems"	
		Co-pending U.S. Patent Application, Serial No. 09/989,095, filed November 20, 2001, Thor A. Lys, et al., "Automotive Information Systems"	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_\_\_\_, filed \_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).  
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